

Abstract of the Disclosure

A slider having an advanced air bearing can employ control features that permit control of the flow-field streamline direction and thus enable an indirect mass transfer that flushes any accumulated lubricant out of the advanced air bearing. These control
5 features can be located at the air bearing surface or at any recessed height from the air bearing surface. Moreover, these control features can also dislodge and move locations of flow-field stagnation.